

Geothermal Heating/Cooling System

General Considerations

The geothermal system must not adversely affect common area grounds or adjoining properties including swales, grading, drainage or any easements.

All work associated with the project must be completed within the boundaries of the resident's property.

The system must be designed in a manner, such as a closed system, to keep the ground surface from sinking.

After installation, the ground surface or landscaping must be reestablished at a minimum to its original condition.

It is the resident's responsibility and obligation to obtain all applicable permits and licenses, to contact Miss Utility and to construct the geothermal heating/cooling system in conformance with all applicable building and zoning codes.

It is the responsibility of the Lot Owner to obtain all necessary permits, inspections to ensure compliance with all applicable governmental regulations and other requirements including but not limited to zoning setbacks, Environmental Health for well systems, and construction codes.

Submission Requirements

- Brief written description of proposed project
- A copy of the property plat showing the house, driveway, property lines, easements, any accessory structures, fencing or significant vegetation. In addition, the proposed geothermal heating/cooling system must be drawn (to scale) on the property plat showing the location and measurements.
- Photographs showing the existing conditions including the house and site marked with the location of the proposed system.
- A detailed scaled drawing of the project underground showing if it is a horizontal or vertical system.
- A brochure or manufacturer's "cut sheet" of the geothermal heating/cooling system including materials, dimensions, depth of system, and distances from property lines.
- Where applicable provide a landscape plan identifying plant materials, accurately located and drawn to scale per the Landscaping guidelines.
- For re-grading, retaining walls or terracing, show the existing and proposed grading and provide detailed drawings in addition to the landscaping plan showing installation details and measurements.